

## WHAT IS CLAIMED IS:

1. A method of assembling a link to a support;

the link comprising a body that is elongated along a longitudinal axis between a first sleeve and a second sleeve that are part of the body, in which link at least the first sleeve surrounds an inner strength member, said inner strength member being mounted to move relative to the body of the link, about an axis of rotation, by means of a flexible coupling interposed between said strength member and the first sleeve, a passageway passing through the inner strength member substantially along the axis of rotation; and

the support having at least one fixing tab provided with a fixing orifice, in which method the link and the support are positioned so that the passageway passing through the inner strength member faces the fixing orifice;

wherein a fixing shank is engaged by force along the axis of rotation into the fixing orifice, and into at least a portion of the passageway so as to hold the connection on the support and so as to prevent the inner strength member from rotating relative to the support.

2. A method according to claim 1, in which the support has two fixing tabs, each of which is provided with a fixing orifice, in which the link and the support are positioned so that the passageway passing through the inner strength member extends between the two fixing orifices, and in which a fixing shank is engaged by force so that it passes both through the passageway and also through each of the fixing orifices.

3. A method according to claim 1, in which the support has two fixing tabs, each of which is provided with a respective fixing orifice, in which the link and the support are positioned so that the passageway passing through the inner strength member extends between the two

fixing orifices, and in which two fixing shanks are engaged by force so that each of them is engaged both in at least a portion of the passageway and also in a respective one of the fixing orifices.

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4. A vibration-damping device comprising a link and a support;

the link comprising a body that is elongated along a longitudinal axis between a first sleeve and a second sleeve that are part of the body, in which link at least the first sleeve surrounds an inner strength member, said inner strength member being mounted to move relative to the body of the link, about an axis of rotation, by means of a flexible coupling interposed between said strength member and the first sleeve, a passageway passing through the inner strength member substantially along the axis of rotation; and

the support having at least one fixing tab provided with a fixing orifice, in which device the link and the support are positioned so that the passageway passing through the inner strength member faces the fixing orifice;

wherein the link and the support are assembled together by means of at least one fixing shank extending along the axis of rotation in the fixing orifice, and in at least a portion of the passageway so as to hold the connection on the support and so as to prevent the inner strength member from rotating relative to the support.

5. A vibration-damping device according to claim 4, in which the support has two fixing tabs, each of which is provided with a respective fixing orifice, the passageway passing through the inner strength member extending between the two fixing orifices, and each of two fixing shanks being engaged both in at least a portion of the passageway and also in a respective one of the fixing orifices.

6. A vibration-damping device according to claim 4, in which each fixing rod has an outside surface over which fluting is distributed that extends longitudinally  
5 parallel to the axis of rotation.

7. A vibration-damping device according to claim 4, in which each fixing shank is provided with a head being stopped by a fixing tab on that side of the fixing tab  
10 which is opposite from its side that co-operates with the inner strength member.

8. A vibration-damping device according to claim 4, in which each fixing rod is made of steel of class 10.9.